Iterators Exercises

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Iterators

- Briefly describe the similarities between an interator to a container element and a pointer to an array element

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Array Iteration

- Write a simple program that prints out the elements of an array, using a pointer to iterate over the array

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std::string Iteration

- Write a simple program that prints out the elements of an std::string, using an iterator to iterate over the string

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Iterator Ranges and Arithmetic

- Write a program that uses iterators to print the second, the last and the middle elements of an std::string object

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Const Iterator

- Rewrite your string iteration program to use a const iterator

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Reverse Iterator

- Rewrite your string iteration program so that it prints out the elements in reverse order

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